

trouble-free  
for the  
hypertensive patient

**RAUWILOID<sup>®</sup>**  
alseroxylon, 2 mg.

worry-free  
for the  
physician



Just  
2 tablets  
at bedtime

Eight years of continuous use...some 600,000,000 patient-days of effective, safe therapy with RAUWILOID ...prove enduring patient-acceptance and physician-satisfaction...*without any revisions of claims, changes of dosage, or additional side actions encountered.*

**RAUWILOID**

*is an original development of*



Northridge, California

If postcoronary management is  
of special interest to you,  
consider the demonstrated value  
of sublingual heparin . . .

“In a controlled clinical study of 260 postcoronary patients, one-half were given sublingual heparin and one-half received conventional treatment. During the period of observation, averaging more than 2 years per patient, there were 12 recurrent infarctions in the heparin-treated group and 38 in the control group. This difference is statistically significant.”

Fuller, H. L.: *Angiology* 11:200 (June) 1960.

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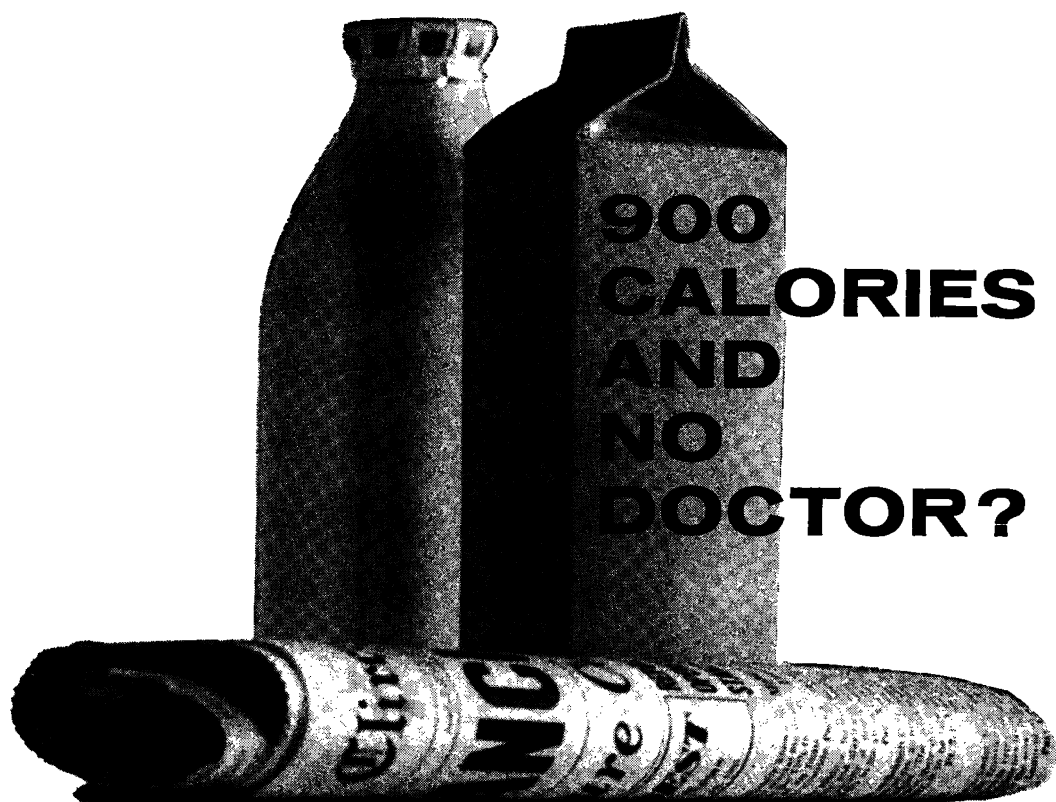
Simple and safe for long-term therapy, Clarin\* (sublingual heparin) effectively controls the prolonged postprandial lipemia associated with atherosclerosis by facilitating the normal physiologic breakdown of fats. Unlike parenteral heparin, the use of Clarin requires no clotting-time or prothrombin determinations. The antilipemic activity of each manufactured lot of tablets is confirmed by sublingual control tests in animals.

*Indication:* For the management of hyperlipemia associated with atherosclerosis, especially in the postcoronary patient. *Dosage:* After each meal, hold one tablet under the tongue until dissolved. *Supplied:* Bottles of 50 pink, sublingual tablets, each containing 1500 I.U. heparin potassium.

An informative booklet, “Hyperlipemia, Heparin and Management of the Postcoronary Patient,” is available from Thos. Leeming & Co., Inc., 155 East 44th St., New York 17, N. Y.

\*Registered trade mark. Patent applied for.

**Clarin**  
(sublingual heparin potassium, Leeming)



**LET'S CONSIDER . . .** A 900 calorie daily diet that supplies no bulk is frequently *not enough* to even dent the appetite and "bulk hunger" demands of many overweight patients. Neither is a self-administered diet plan a suitable substitute for a *medically-supervised* weight reduction program. Such fad-inspired regimens overlook the fundamental physiologic problems of obesity. Obocell helps the obese patient adhere to *your* diet chart by curbing gnawing appetite *and* suppressing bulk hunger during and between meals. Under your care, and with Obocell as the basic control factor, patients can arrive at their desired weight on schedule. Time and again, this combination of a *physician-prescribed* diet reinforced by Obocell therapy has proved to be the safest, most satisfactory way to shorten patients' beltlines while lengthening their lifelines. **IRWIN, NEISLER & CO. DECATUR, ILL.**

**only through your prescription**

# OBOCELL®

**OBOCELL®**, brand of anorexic, Neisler. **Formula:** Dextro-Amphetamine Phosphate, 5 mg.; Nicel (Irwin, Neisler's brand of high-viscosity Methylcellulose), 160 mg. **Action:** Obocell controls the appetite by acting on the central nervous system, and controls bulk hunger by supplying non-nutritive bulk to create a sense of fullness and satisfaction. **Dosage:** 3 to 6 tablets daily with a full glass of water, preferably one hour before meals.



Carrying on  
congestion-free  
with fast-acting

**NTZ**<sup>®</sup>  
NASAL SPRAY

At the first allergic sneeze, two inhalations from the **NTZ** Nasal Spray act speedily to bring exceptional relief of symptoms. The first spray shrinks the turbinates and enables the patient to breathe through his nose again. The second spray, a few minutes later, opens sinus ostia for essential ventilation and drainage. Excessive rhinorrhea is reduced. **NTZ** is well tolerated and provides safe "inner space" without causing chemical harm to the respiratory tissues.

**NTZ** is a balanced combination of three thoroughly evaluated compounds:

- **Neo-Syneprine® HCl, 0.5%** to shrink nasal membranes and sinus ostia and provide inner space
- **Thenfadil® HCl, 0.1%** to provide powerful topical antiallergic action and lessen rhinorrhea
- **Zephiran® Cl, 1:5000** (antibacterial wetting agent and preservative) to promote spread and penetration of the formula to less accessible nasal areas

**NTZ** is supplied in leakproof, pocket size, squeeze bottles of 20 cc. and in bottles of 30 cc. with dropper.

**QUICK SYMPTOMATIC RELIEF OF HAY FEVER OR PERENNIAL RHINITIS**

NTZ, Neo-Syneprine (brand of phenylephrine), Thenfadil (brand of thenyldiamine) and Zephiran (brand of benzalkonium, as chloride, refined), trademarks reg. U. S. Pat. Off.

*Winthrop*  
**LABORATORIES**  
New York 18, N. Y.

# 'PERAZIL'®



## long-acting antihistamine

**USES:** 'Perazil' relieves the symptoms of sneezing, "incessant" itching, inflamed eyes, rhinorrhea, itching eyes, nose and throat, associated with:

*Hay Fever • Pollenosis • Pruritus  
• Urticaria • Vasomotor Rhinitis •  
Allergic Dermatitis • Drug Sensitivity*

**ADVANTAGES:** 'Perazil' is both prompt and prolonged in effect, providing symptomatic relief lasting 12 to 24 hours from a single dose.

**PRECAUTION:** When drowsiness does occur it is generally mild and the usual precautions should be observed. No toxic effects related to either the blood-forming

organs or the cardiovascular system are produced.

**DOSAGE:** Adults and children over 8 years, 50 mg. once or twice daily as required. The dose may be increased in severe cases.

Children from 2 to 8 years, 25 mg. (one sugar-coated tablet) once daily.

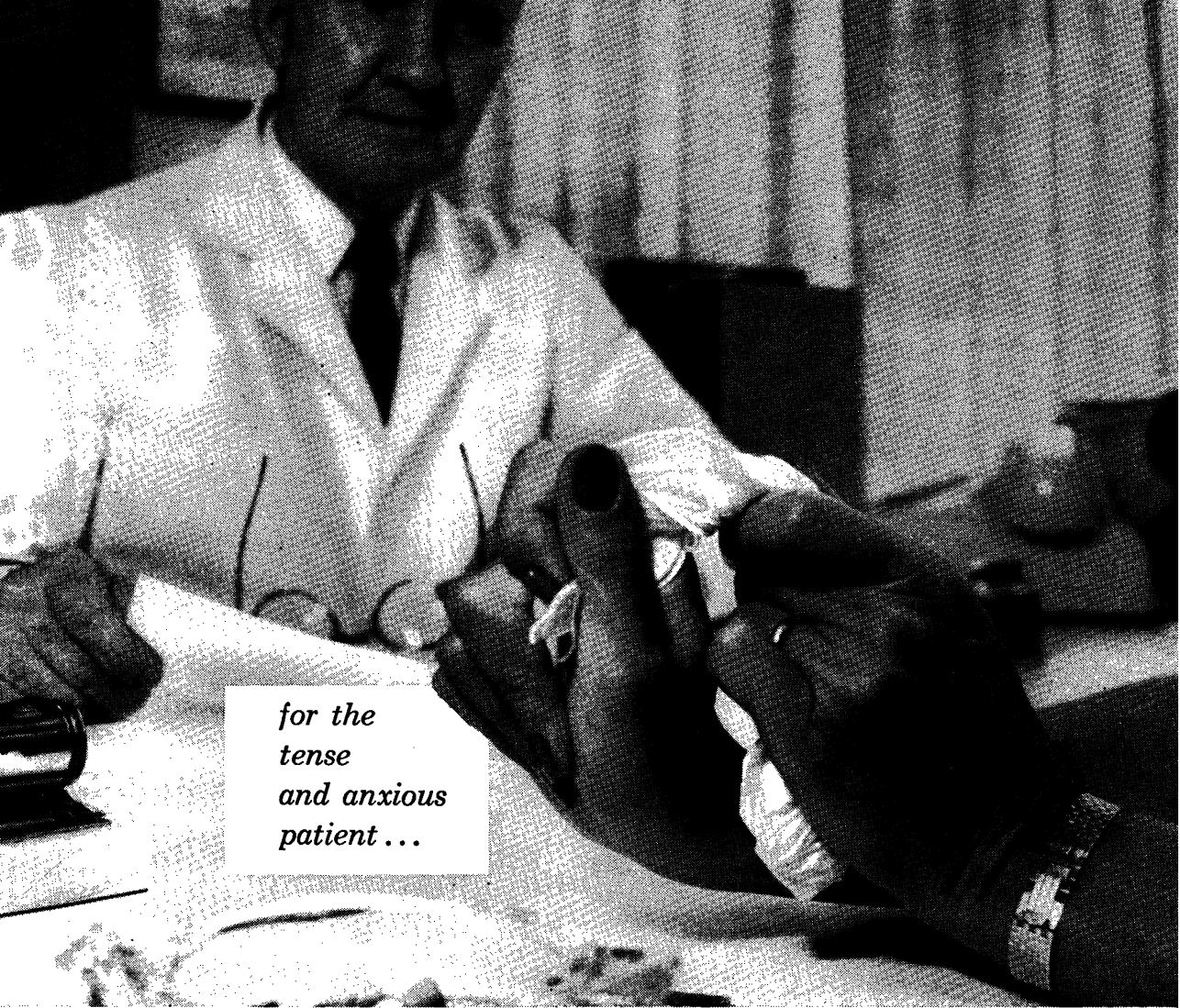
Infants up to 2 years, 12½ mg. (one quarter of a 50 mg. tablet) crushed and mixed with a spoonful of jam or syrup.

**SUPPLIED:** Tablets of 25 mg., sugar-coated, bottles of 100 and 1000; 50 mg., scored, bottles of 100 and 1000.

'PERAZIL'® brand Chlorcyclizine Hydrochloride



**BURROUGHS WELLCOME & CO. (U. S. A.) INC., Tuckahoe, New York**



*for the  
tense  
and anxious  
patient ...*

the only sustained-release tranquilizer  
that does not cause autonomic side reactions


- **SAFE, CONTINUOUS RELIEF** of anxiety and tension for 12 hours with just one capsule—without causing autonomic side reactions and without impairing mental acuity, motor control or normal behavior.
- **ECONOMICAL** for the patient—daily cost is only a dime or so more than for barbiturates.

## **Meprospan<sup>®</sup>-400**

400 mg. meprobamate (Miltown<sup>®</sup>) sustained-release capsules

**Usual dosage:** One capsule at breakfast lasts all day; one capsule with evening meal lasts all night.

**Available:** *Meprospan-400*, each blue-topped capsule contains 400 mg. Miltown (meprobamate). *Meprospan-200*, each yellow-topped capsule contains 200 mg. Miltown (meprobamate). Both potencies in bottles of 30.

 **WALLACE LABORATORIES / Cranbury, N. J.**

CME-4232



limits the blood pressure swing

Rautrax-N lowers high blood pressure gently, gradually . . . protects against sharp fluctuations in the normal pressure swing.

Rautrax-N offers all the advantages of Raudixin, Naturetin and potassium chloride in a single dosage form *plus: increased efficacy* – Combined action of Raudixin and Naturetin results in a potentiated antihypertensive effect greater than that produced by either drug alone. *increased safety* – Potentiated action permits lower dose of other antihypertensive agents, thus reducing severity of side effects. Protection against possible potassium depletion. *flexibility* – Interchangeable

with either Raudixin or Naturetin  $\bar{c}$  K. *economy* – Maintenance dosage of only 1 or 2 tablets daily for most patients. *convenience* – Once-a-day maintenance dosage. Two potencies available.

*Supply: Rautrax-N* – capsule-shaped tablets providing 50 mg. Raudixin, 4 mg. Naturetin and 400 mg. potassium chloride. *Rautrax-N Modified* – capsule-shaped tablets providing 50 mg. Raudixin, 2 mg. Naturetin and 400 mg. potassium chloride.



# Rautrax-N\*

Squibb Standardized Whole Root Rauwolfia Serpentina (Raudixin)  
and Bendroflumethiaside (\*Naturetin) with Potassium Chloride

For full information,  
see your Squibb  
Product Reference  
or Product Brief.

**SQUIBB**

*Squibb Quality*

– the Priceless Ingredient



\*RAUDIXIN®, RAUTRAX® AND \*NATURETIN® ARE SQUIBB TRADEMARKS.



**when allergy looms large in the life of your patient...**

BENADRYL provides a twofold therapeutic approach to the management of distressing symptoms of seasonal allergy. ■ **antihistaminic action** relieves nasal congestion, sneezing, lacrimation, and pruritus. ■ **antispasmodic action** affords relief of bronchial and gastrointestinal spasm.

BENADRYL Hydrochloride (diphenhydramine hydrochloride, Parke-Davis) is available in a variety of forms including: Kapseals® of 50 mg.; Capsules of 25 mg.; Emplets® (enteric-coated tablets) of 50 mg.; in aqueous solution, 1-cc. Ampoules, 50 mg. per cc.; 10- and 30-cc. Steri-Vials,® 10 mg. per cc.; Elixir, 10 mg. per 4 cc.; and Syringent (water-miscible base); Kapseals of 50 mg. BENADRYL Hydrochloride with 25 mg. ephedrine sulfate.

**Precautions:** Avoid subcutaneous or perivascular injection. Single parenteral dosage greater than 100 mg. should be avoided, particularly in hypertension and cardiac disease. Products containing BENADRYL should be used cautiously with hypnotics or other sedatives; if atropine-like effects are undesirable; or if the patient engages in activities requiring alertness or rapid, accurate response.

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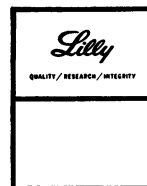
PARKE, DAVIS & COMPANY, Detroit 32, Michigan

**BENADRYL<sup>®</sup>**

antihistaminic-antispasmodic

**CUTS MOST  
ALLERGENS  
DOWN  
TO  
SIZE  
!**





helps detect  
the pregnant  
"pre-diabetic"

**TES-TAPE®**

(urine sugar analysis paper, Lilly)



■ *"I think that the urine of pregnant mothers should be tested for sugar, but done with the oxidase method, not with other methods, since most of them give you total reducing substances."*

Wilkerson, H. L. C.: Pregnancy and Diabetes, Diabetes, 6:523, 1957.

"... fetal mortality in the unrecognized diabetic may be as great as, if not greater than, in the known diabetic."<sup>1</sup> Therefore, it is vital to detect abnormal glycosuria during pregnancy.

Because of its greater sensitivity to glucose, Tes-Tape will reveal instances of abnormal glycosuria previously undetected by copper-reduction methods. Also, since Tes-Tape is specific for glucose, it will not give false positive reactions with lactose, galactose, fructose, or other copper-reducing sugars.

Tes-Tape is supplied in handy pocket-size dispensers of approximately 100 tests.

1. Shlevin, E. L.: Pregnancy and Diabetes, Diabetes, 6:523, 1957.

**Advance Announcement****FIFTH ANNUAL POSTGRADUATE WEEK****October 23 to 27, 1961**

---

**SURVEY AND REVIEW**

The physiology, diagnosis and therapy of selected aspects of a specific disease will be presented each day. The program will include panel discussions and individual papers.

*Daily Sessions — 10 a.m. to 12 noon, and 1 p.m. to 3 p.m.  
No evening sessions.*

<b>Monday</b>	<b>GENETICS</b>
<b>Tuesday</b>	<b>Morning — RHEUMATOID ARTHRITIS Afternoon — SYSTEMIC LUPUS ERYTHEMATOSUS</b>
<b>Wednesday</b>	<b>Morning — EPIDEMIOLOGY OF CANCER Afternoon — BREAST CANCER</b>
<b>Thursday</b>	<b>EDEMA AND ANASARCA</b>
<b>Friday</b>	<b>LIVER DISEASE</b>

---

A subscription luncheon will be served in the Presidents' Gallery at the Academy each day.

---

**REGISTRATION**

Members of the medical profession, including interns and residents, and those working in the allied sciences, are cordially invited to attend all sessions. Registration, WITHOUT FEE, is required for non-Fellows of the Academy.

A detailed program, when published, will be mailed to every Fellow of the Academy without request and to others on request addressed to:

The Secretary, Postgraduate Week  
The New York Academy of Medicine  
2 East 103 Street, New York 29, N. Y.

**BOWEN-BROOKS SCHOLARSHIP  
FOR ADVANCED STUDY ABROAD—1962-63**

**The New York Academy of Medicine**

In the current year the Committee on Medical Education will award *one* Scholarship grant in the amount of \$4,800.00 for the *academic year 1962-63*.

This Scholarship was established by the donor to provide aid for advanced study abroad in a clinical subject in preparation for the practice of medicine or surgery in any of their branches. As stipulated by the donor of the fund, candidates must be *male* interns or residents in voluntary, municipal or Veterans Administration hospitals in New York City.

The course of study, the auspices under which it is to be taken, and the place or places where study is to be pursued, must receive the approval of the Committee. Applicants are favored who, from their records, show themselves capable of advanced work in clinical medicine. The Committee stipulates that the study be pursued abroad, preferably in Great Britain or in continental Europe.

Applications for this Scholarship must be submitted by **September 1, 1961**. Candidates may secure application forms by addressing:

Aims C. McGuinness, M.D., Executive Secretary  
Committee on Medical Education, The New York Academy of Medicine  
2 East 103 Street, New York 29, N. Y.

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(BRAND OF PROPANTHELINE BROMIDE)

**PROLONGED-ACTING TABLETS 30 mg.**

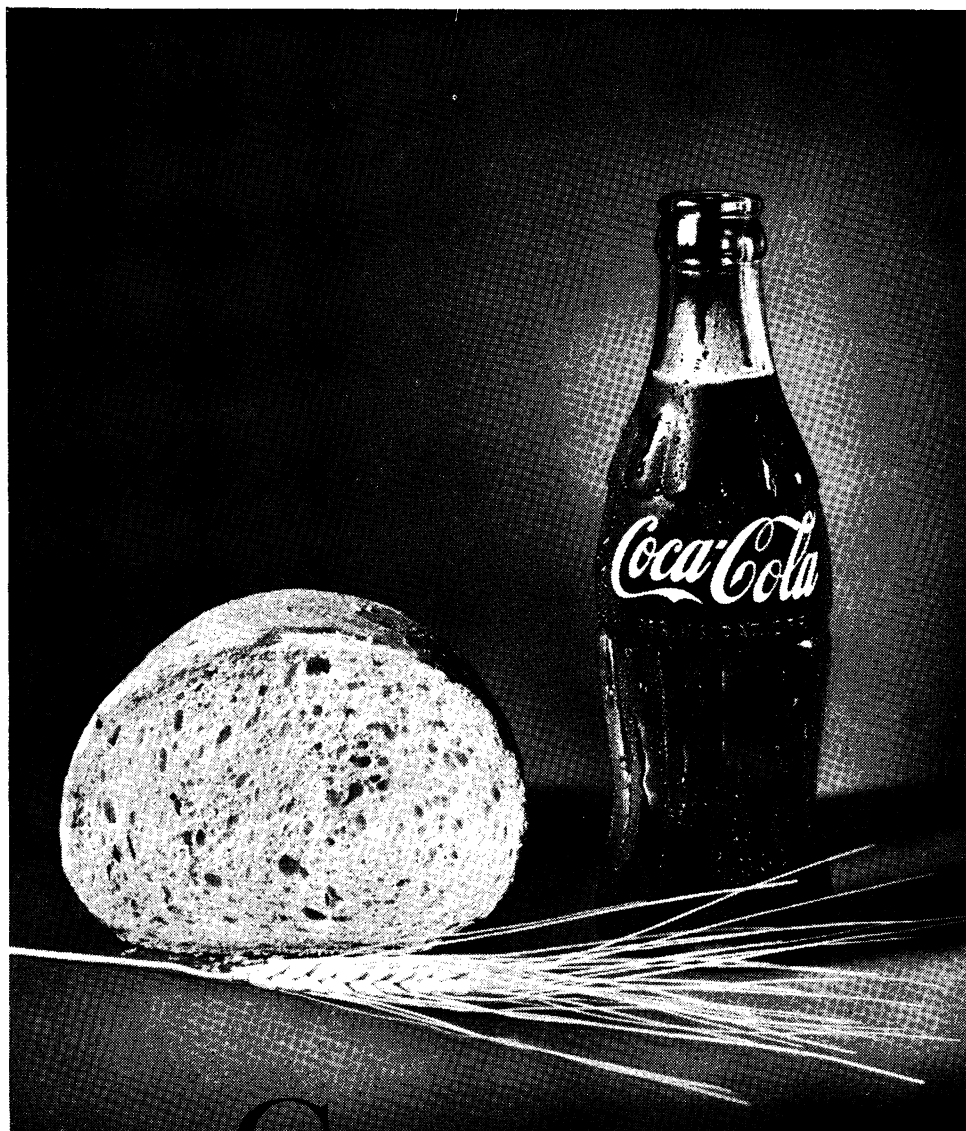
PROVIDES YOU WITH THE RECOGNIZED  
EFFECTIVENESS OF PRO-BANTHINE<sup>®</sup>  
PLUS THE CONVENIENCE AND SUSTAINED  
ACTION OF PROLONGED-ACTING MEDICATION.

*Suggested Dosage*—One tablet B.I.D. is usually effective

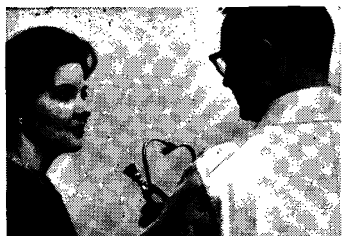
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Coca-Cola, too, has its place in a well balanced diet. As a pure, wholesome drink, it provides a bit of quick energy...brings you back refreshed after work or play. It contributes to good health by providing a pleasurable moment's pause from the pace of a busy day.



SUCCESSFUL FAMILY  
PLANNING...BASED ON  
YOUR COUNSEL AND  
**LANESTA® GEL**

The new baby is beautiful, but his arrival raises some problems in family planning on which the mother will need help — *your* help. What you counsel or suggest to her may determine the family's happiness for many years to come. When she comes in to see you for her routine postnatal check-up, you have an ideal opportunity to counsel her and answer her questions. It's also an ideal time to recommend the use of Lanesta Gel.

Lanesta Gel, with or without a diaphragm, is a most effective means of conception control. Lanesta Gel offers faster spermicidal action because it rapidly diffuses into the seminal clot. In fact, the mean diffusion spermicidal time of Lanesta Gel is three to seven times faster than the mean diffusion times of ten leading commercially available contraceptive creams, gels, or jellies, according to Gamble ("Spermicidal Times of Commercial Contraceptive Materials — 1959") \*

Lanesta Gel has complete esthetic acceptance and is well tolerated.

\*Gamble, C.J.: *Am. Pract. & Digest. Treat.* 11:852 (Oct.) 1960. See also Berberian, D.A., and Slighter, R.G.: *J.A.M.A.* 168:2257 (Dec. 27) 1958; Kaufman, S.A.: *Obst. and Gynec.* 15:401 (March) 1960; Warner, M.P.: *J.Am.M. Women's A.* 14:412 (May) 1959.

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## BULLETIN

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**ANNOUNCING... A POTENT  
ANTIDEPRESSANT  
WITH EFFECTIVE  
ANTI-ANXIETY  
PROPERTIES...**

**E L A V I L**

AMITRIPTYLINE HYDROCHLORIDE

**NEW**





**new...a potent  
antidepressant  
with effective  
anti-anxiety  
properties**

**EL**

AMITRIPTYLINE HYDROCHLORIDE

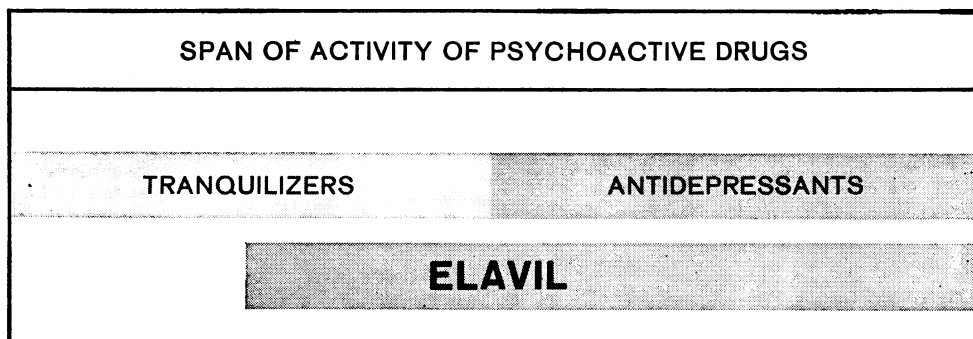
# RELATIVE UTILITY IN MANAGEMENT OF DEPRESSED PATIENTS

## TARGET SYMPTOMS OF DEPRESSION:

<i>Class of compounds</i>	<i>Anxiety</i>	<i>Insomnia</i>	<i>Depression</i>	<i>Over-all relief of symptoms</i>
TRANQUILIZERS	<p>"Failure of the tranquilizers to produce satisfactory results is due in many cases to their being prescribed for depression, especially depression masked by the more prominent symptoms of anxiety. The underlying depression may be deepened."</p>			<p>+</p> <p>—</p>
ANTIDEPRESSANTS	<p>"CNS stimulants and anti-depressants, if given to anxious patients, will increase the anxiety...."</p>			<p>+</p>
ELAVIL	<p>"... this drug [ELAVIL] acted both as a tranquilizer and as an anti-depressant..."<sup>2</sup> Many physicians customarily treat anxious or depressed patients with a combination of an antidepressant and a tranquilizer. This is seldom necessary when prescribing ELAVIL because it has both antidepressant and anti-anxiety properties.</p>			<p>++</p>

# ELAVIL®

*effective in patients with depression...  
particularly useful in those with predominant symptoms  
of anxiety and tension...provides prompt relief of anxiety  
and insomnia associated with depression*



**INDICATIONS:** Manic-depressive reaction — depressed phase; involutional melancholia; reactive depression; schizoaffective depressions; neurotic depressive reaction; and these target symptoms: anxiety; depressed mood; insomnia; psychomotor retardation; functional somatic complaints; loss of interest; feelings of guilt; anorexia. May be used whether the emotional difficulty is a manifestation of neurosis or psychosis,<sup>4</sup> and in ambulatory or hospitalized patients.<sup>3, 4, 5</sup>

**USUAL ADULT ORAL DOSAGE:** Initial, 25 mg. three times a day, until a satisfactory response is noted. Many patients improve rapidly, although some depressed patients may require four to six weeks of therapy before obtaining maximum benefit. In severely depressed patients, as much as 150 mg. per day may be given. Maintenance, 25 mg. two to four times a day. Some patients may be maintained on 10 mg. four times a day. The natural course of depression is often many months in duration. Accordingly, it is appropriate to continue maintenance therapy for at least three months after the patient has achieved satisfactory improvement in order to lessen the possibility of relapse, which may occur if the patient's depressive cycle is not complete. In the event of relapse, therapy with ELAVIL may be reinstituted.

ELAVIL is not a monoamine oxidase (MAO) inhibitor. No evidence of drug-induced jaundice or agranulocytosis has been noted. Side effects (drowsiness, dizziness, nausea, excitement, hypotension, fine tremor, jitteriness, headache, heartburn, anorexia, increased perspiration, and skin rash), when they occur, are usually mild. However, as with all new therapeutic agents, careful observation of patients is recommended. As with other drugs possessing significant anticholinergic activity, ELAVIL is contraindicated in patients with glaucoma.

**SUPPLY:** Tablets, 10 mg. and 25 mg., in bottles of 100. Injection (intramuscular), 10 mg. per cc., 10-cc. vials.

**REFERENCES:** 1. Perloff, M. M., and Levick, L. J.: Clinical Med. 7:2237, Nov. 1960. 2. Freed, H.: Am. J. Psychiat. 117:455, Nov. 1960. 3. Dorfman, W.: Psychosomatics 1:153, May-June 1960. 4. Ayd, F. J., Jr.: Psychosomatics 1:320, Nov.-Dec. 1960. 5. Barsa, J. A., and Saunders, J. C.: Am. J. Psychiat. 117:739, Feb. 1961.

Before prescribing or administering ELAVIL, the physician should consult the detailed information on use accompanying the package or available on request.



**MERCK SHARP & DOHME, DIVISION OF MERCK & CO., INC., WEST POINT, PA.**

*introducing...nutritional support  
in convenient, tasty, liquid form  
to supplement inadequate diets...  
to replace skipped meals*



# Nutrament<sup>TM</sup>

*a nutritious meal, ready to drink*

*nutritional support is often needed for:*

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*children*—who need increased basic nutrients during convalescence<sup>1</sup> or during difficult feeding periods, such as after tonsillectomies.<sup>2</sup>

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*hospital patients*—Nutrament liquid can serve as an excellent and convenient source of nourishment.

*and in Oral, Dental or Surgical conditions*—which interfere with or prevent consumption of solid food.

## *readily accepted by patients*

Nutrament liquid requires no special preparation. Smooth texture and appealing taste of Nutrament make it readily acceptable. Equally delicious served hot or cold. Nutrament also has a high satiety value.

## *supplied*

In 12½ fl. oz. cans, chocolate and vanilla flavors. Conveniently available at drug and food stores.

*offers a scientifically balanced ratio of carbohydrate, protein, and fat.* Each 12½ fl. oz. can of Nutrament liquid provides 400 calories. Caloric distribution: protein—20% (20 Gm.); carbohydrate—50% (50 Gm.); fat—30% (13.3 Gm.); plus the following vitamins and minerals:

		%	MOR		
Vitamin A (U.S.P. Units)...	1250	30		Vitamin E (Int. Units) .....	2.5
Vitamin D (U.S.P. Units)...	125	30		Pyridoxine, mg. ....	0.4
Vitamin C, mg. ....	50	166		Vitamin B <sub>12</sub> , mcg. ....	0.5
Thiamine, mg. ....	0.5	50		Calcium pantothenate, mg. .	2
Riboflavin, mg. ....	0.6	50		Sodium, Gm. ....	0.2
Niacinamide, mg. ....	5	50		Potassium, Gm. ....	0.9
Calcium, Gm. ....	0.5	67		Copper, mg. ....	0.5
Phosphorus, Gm. ....	0.4	53		Manganese, mg. ....	1
Iron, mg. ....	4	40		Fiber, Gm. ....	0.55
Iodine, mcg. ....	60	60			

*ingredients:* Whole milk, skim milk, sugar, soy flour, Dextri-Maltose<sup>®</sup> (maltose and dextrins derived from enzymic action of choice barley malt on selected corn flour), starch, chondrus extract, sodium alginate, vitamin A palmitate, calciferol, sodium ascorbate, thiamine hydrochloride, niacinamide, ferrous sulfate, sodium iodide, d-alpha-tocopheryl acetate, pyridoxine hydrochloride, cyanocobalamin, calcium pantothenate, salt, cupric carbonate, manganese sulfate, cocoa and/or imitation vanilla flavor.

*references:* (1) Nelson, W. E.: Textbook of Pediatrics, ed. 7, Philadelphia, W. B. Saunders Company, pp. 231-233, 1959. (2) Parrott, R. H., and Nelson, W. E.: *ibid.*, p. 759. (3) Johnston, J. A.: Ann. New York Acad. Sc. 69:881-901 (Jan. 10) 1958. (4) Burke, B. S., and Kirkwood, S. B., in Greenhill, J. P.: Obstetrics, ed. 12, Philadelphia, W. B. Saunders Company, 1960, pp. 126-131. (5) Skillman, T. G.; Hamwi, G. J., and May, C.: Geriatrics 15:464-472 (June) 1960.

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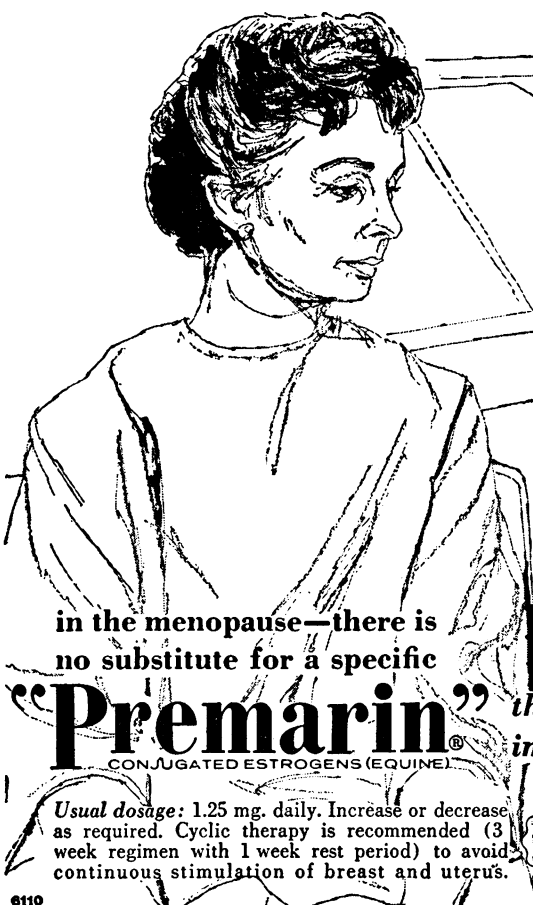
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*consider that current medical opinion favors estrogens*

"...the outstanding menopausal change is the sharp fall in the excretion of estrogens, generally followed by a rise in pituitary gonadotrophins. The logical treatment for this menopausal revolution in the hormone field seems to be substitution therapy, aiming at restoring, at least partly, the normal premenopausal hormone balance.... Androgens, sedatives and tranquilizers are all helpful in some ways, but none of them is anything like so efficacious as the estrogens."\*

\*Transatlantic Telephone Symposium, *The Effect of Estrogens in the Menopause*, Amsterdam/New York, 1959. Transcript available on request. Published, J.M.A. Alabama 29:448 (May) 1960.



in the menopause—there is  
no substitute for a specific

**"Premarin"**  
CONJUGATED ESTROGENS (EQUINE)


*the natural oral estrogen that  
imparts a "sense of well-being"*

*Usual dosage: 1.25 mg. daily. Increase or decrease as required. Cyclic therapy is recommended (3 week regimen with 1 week rest period) to avoid continuous stimulation of breast and uterus.*

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# Gantrisin

Reports in hundreds of leading journals and scores of standard textbooks reflect the position of Gantrisin as a drug of choice in genitourinary infections. 



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